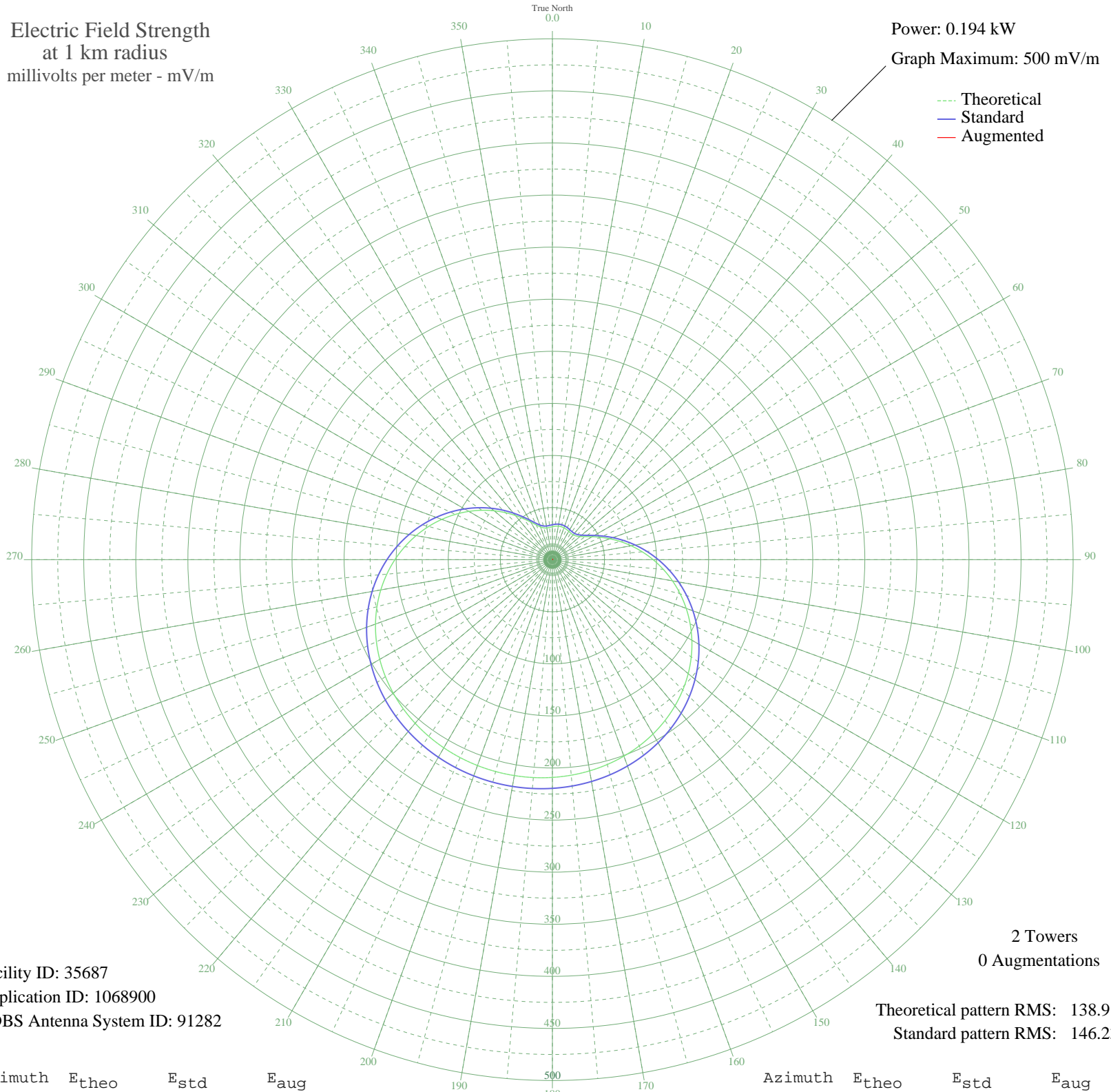


KIHU TOOELE, UT BMP-20050222ABP 1010 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 0.194 kW
Graph Maximum: 500 mV/m



Facility ID: 35687
Application ID: 1068900
CDBS Antenna System ID: 91282

Theoretical pattern RMS: 138.91
Standard pattern RMS: 146.23

Azimuth	E _{theo}	E _{std}	E _{aug}
0	31.63	33.53	
5	32.24	34.16	
10	32.66	34.60	
15	32.76	34.71	
20	32.52	34.46	
25	32.01	33.92	
30	31.38	33.27	
35	30.93	32.80	
40	31.04	32.92	
45	32.14	34.06	
50	34.59	36.61	
55	38.56	40.75	
60	44.03	46.46	
65	50.81	53.55	
70	58.67	61.78	
75	67.41	70.93	
80	76.78	80.75	
85	86.61	91.06	
90	96.71	101.66	
95	106.92	112.36	
100	117.08	123.02	
105	127.05	133.48	
110	136.70	143.61	
115	145.93	153.30	
120	154.64	162.44	
125	162.76	170.96	
130	170.24	178.81	
135	177.03	185.94	
140	183.12	192.34	
145	188.52	198.00	
150	193.23	202.95	
155	197.29	207.21	
160	200.72	210.81	
165	203.57	213.80	
170	205.88	216.22	
175	207.69	218.12	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	209.03	219.53	
185	209.95	220.50	
190	210.46	221.03	
195	210.58	221.15	
200	210.30	220.87	
205	209.63	220.16	
210	208.55	219.02	
215	207.02	217.42	
220	205.02	215.32	
225	202.50	212.67	
230	199.42	209.44	
235	195.74	205.58	
240	191.43	201.05	
245	186.45	195.82	
250	180.77	189.86	
255	174.39	183.17	
260	167.33	175.75	
265	159.59	167.63	
270	151.22	158.85	
275	142.30	149.48	
280	132.89	139.61	
285	123.09	129.33	
290	113.03	118.77	
295	102.84	108.08	
300	92.65	97.39	
305	82.64	86.89	
310	72.97	76.75	
315	63.82	67.17	
320	55.41	58.37	
325	47.95	50.56	
330	41.67	44.00	
335	36.79	38.90	
340	33.43	35.40	
345	31.55	33.45	
350	30.90	32.77	
355	31.07	32.95	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission